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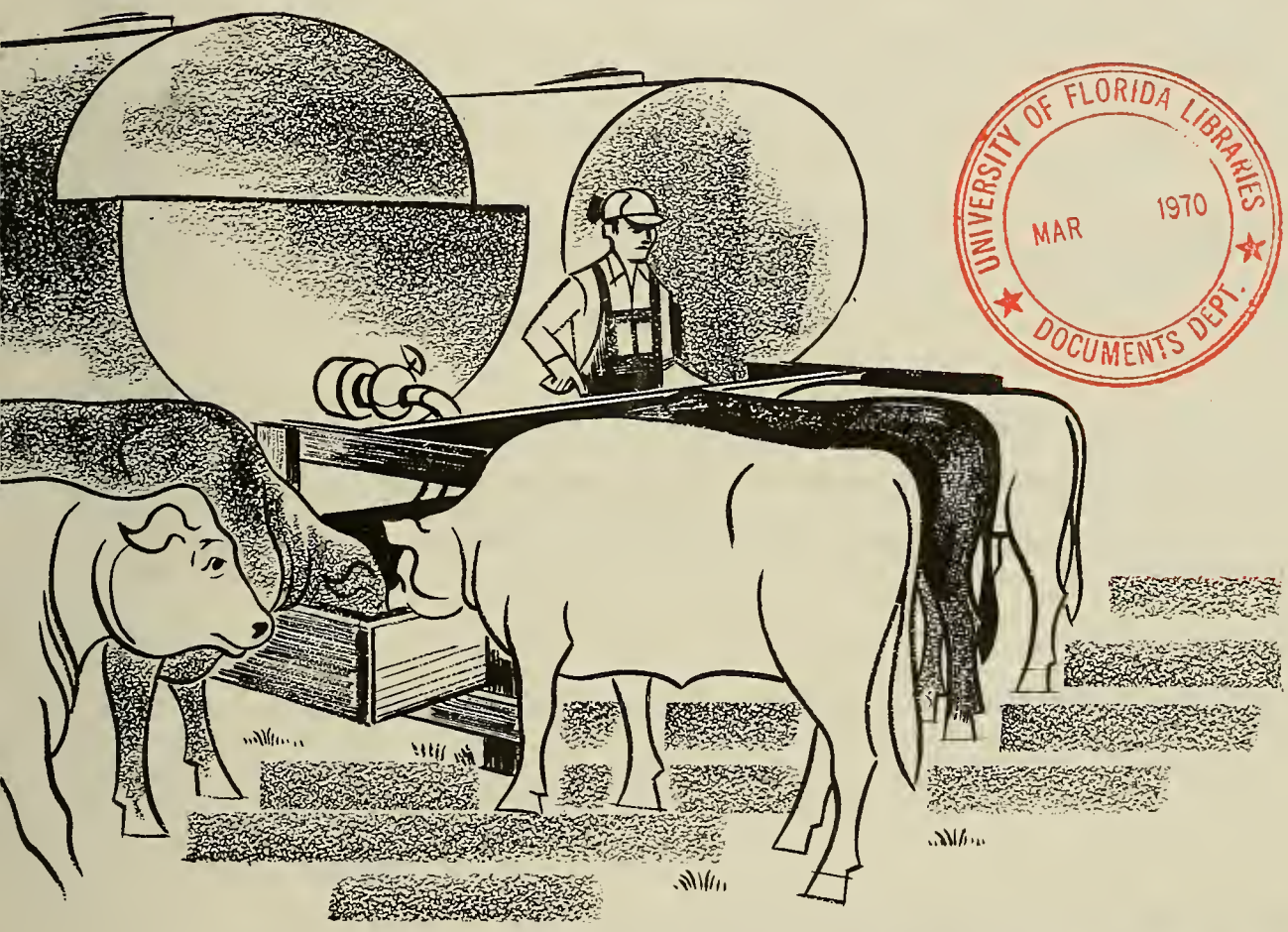
Molasses MARKET NEWS



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ANNUAL SUMMARY 1969

CONSUMER AND MARKETING SERVICE
U. S. DEPARTMENT OF AGRICULTURE WASHINGTON, D. C. C&MS-2 (1969)

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Grain Division
Consumer and Marketing Service

March 1970

HIGHLIGHTS OF 1969

Molasses prices during the 1969 trading year increased steadily and closed sharply above a year earlier. Decreased, evenly distributed, supplies coupled with an improved price relationship with feed grains and other feed ingredients were the major stimulating influences on the prices.

PRICES

Cane Molasses

During March 1969, prices of cane molasses - following two years of price declines - began a gradual increase. The most rapid price increases occurred during the August-October months, the period when major contracting for the ensuing year took place.

Price increases were greater at the Mississippi River terminals than at other markets. December closing levels at the Mississippi terminals were 5-6¢ per gallon above a year earlier with other Gulf and East coast markets 4¢ higher than a year ago.

Despite the price increases during 1969, average prices for the year were lower everywhere except the West coast. Yearly average prices were 1-1 1/3¢ lower at the Gulf and East coast, 3/4-1¢ lower at the Mississippi River terminals and unchanged on the West coast.

Beet Molasses

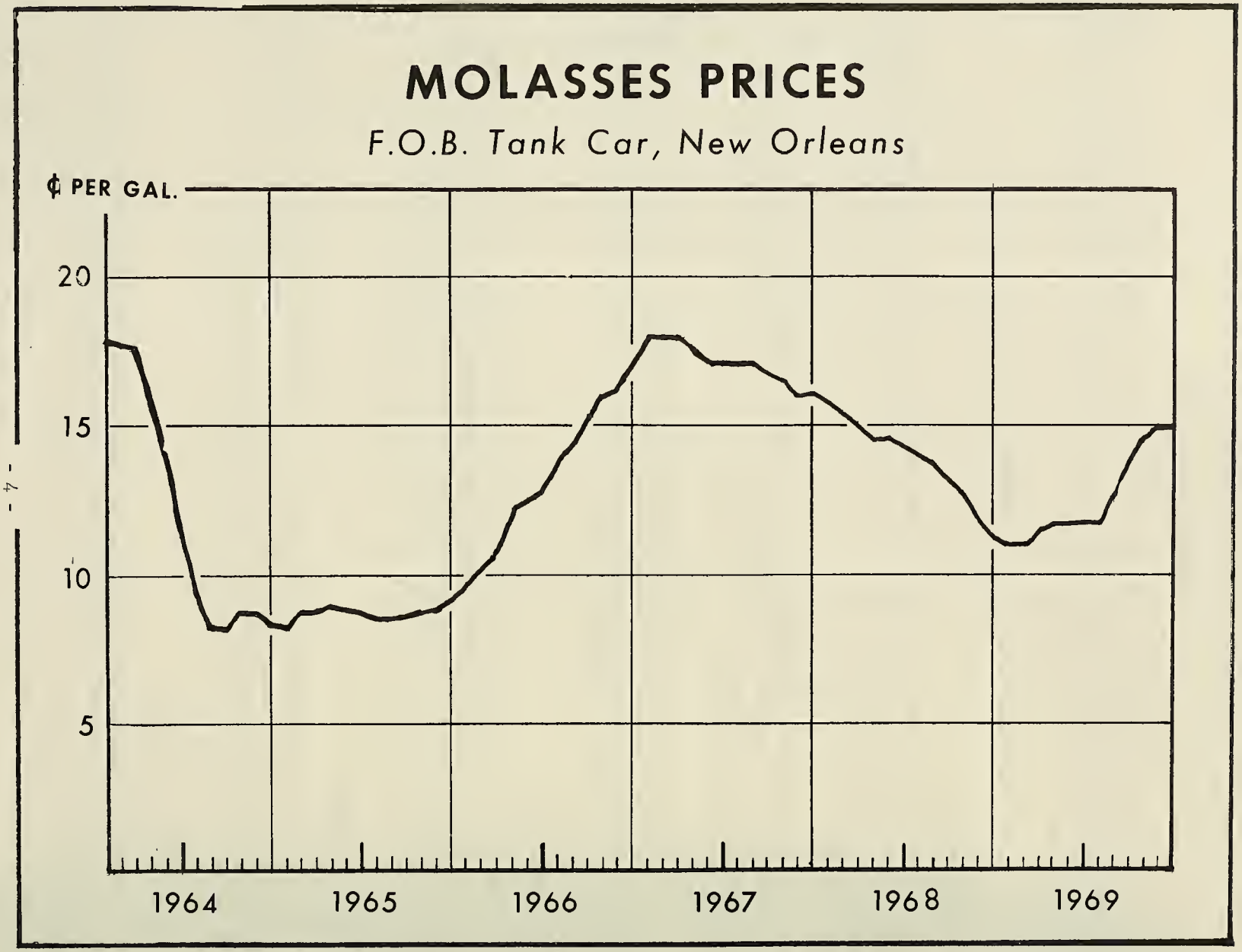
Prices in 1969 continued their mixed reaction in the two principal reporting areas. Quotations in the Oregon-Utah-Idaho area, where competition with cane molasses is light, averaged $37.00 per ton for the year, slightly higher than 1968. In the Colorado-Wyoming-Montana area, prices averaged $35.00 per ton, which was about $1.00 under the year before.

Citrus Molasses

Citrus molasses prices declined early in 1969 and then held steady the remainder of the trading year. The average price of $18.25 per ton for 1969 was about $2.50 per ton below the 1968 average as the lower cane molasses prices had a weakening effect on the citrus molasses market.

Corn (Hydrol) Molasses

Corn molasses prices followed the same trend as cane molasses and showed gradual price increases during the year, but a lower yearly average price. The 1969 yearly average price was approximately $2.50 per ton lower than the 1968 yearly average.


MOLASSES PRICES
F.O.B. Tank Car, New Orleans
¢ PER GAL.
20
15
10
5
1964
1965
1966
1967
1968
1969

Comparative Values

The comparative feeding values moved in favor of molasses. Higher corn prices than in 1968 and a slightly lower price for molasses reversed the corn-molasses relationship in favor of molasses during 1969. (See Table 3).

SUPPLY AND DISTRIBUTION

(Details on Tables 4 through 10)

Supplies of molasses available for consumption in the United States mainland during 1969 were somewhat lower than for the previous year. Estimated production of mainland blackstrap was down about 19 million gallons and a sharp decrease of inshipments lowered the blackstrap supplies around 38 million gallons. Availability of beet molasses increased about 17 million gallons, reflecting the increased production of sugar beets. Utilization was mainly in the areas of production as movements into the heavy feeding areas continued to be somewhat limited.

Molasses imports from foreign countries totaled 362 million gallons, a decline of about 6 million gallons from last year. This volume continues to run considerably above the average of imports during the last 5 years. Mexico regained some of the tonnage loss of a year ago, with total shipments from there in excess of 100 million gallons. The Philippines became a major supplier, shipping around 19 million gallons. This represents the largest volume from this supplier in the last 10 years. The total volume from Australia declined to about 18 million gallons, down 31 million gallons from a year ago, but about in line with the 1966-67 years. Shipments from other countries in 1969 showed only minor changes from 1968.

New Orleans continued to be the principal receiving point, handling roughly 25% of the total imports. Receiving districts on the West coast and Texas custom districts showed increased receipts, reflecting changing practices of importing near the large feed consuming areas. The traditional larger Philadelphia and New York areas showed declines of about 34 million gallons. Most of the other areas showed little change in receipts as consumption in the respective areas held about steady.

Total available supplies for domestic consumption declined somewhat from the last year record level and closed out the year at 716 million gallons. Industrial utilization showed only minor changes with slight increases in the pharmaceutical areas. A rather sharp decline was noted in the use of molasses in the production of distilled spirits. Available supplies for feeding livestock decreased 11.0 million gallons and closed out at 555.6 million gallons.

Table 1.--Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1968-69

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	--Cents per gallon--												
						New Orleans							
1968	15.90	15.50	15.10	14.60	14.50	14.30	14.00	13.75	13.30	12.60	11.90	11.20	13.90
1969	11.00	11.00	11.50	11.75	11.75	11.75	11.75	12.50	13.80	14.50	15.00	15.00	12.60
						Houston							
1968	16.50	16.10	15.75	15.10	15.00	14.80	14.50	14.50	14.00	13.20	12.40	11.75	14.50
1969	11.50	11.50	12.25	12.50	12.50	12.50	12.50	13.25	14.30	15.00	15.50	15.50	13.20
						Corpus Christi							
1968	16.50	16.10	15.75	15.10	15.00	14.80	14.50	14.50	14.00	13.30	12.40	11.75	14.50
1969	11.50	11.50	12.10	12.50	12.50	12.50	12.50	13.25	14.30	15.00	15.50	15.50	13.20
						El Paso							
1968	16.50	16.50	16.20	15.50	15.35	15.20	14.80	14.80	14.80	14.80	14.80	14.80	15.30
1969	14.80	14.80	15.10	15.35	15.35	15.35	15.35	16.20	17.10	17.25	17.70	17.70	16.00
						Phoenix							
1968	20.00	20.00	19.70	19.00	18.80	18.70	18.25	18.25	18.25	18.30	18.20	17.70	18.75
1969	17.70	17.70	18.05	18.20	18.20	18.80	18.80	19.70	20.35	20.90	21.50	21.75	19.30
						Mobile							
1968	16.45	15.75	15.50	14.90	14.60	14.30	14.00	13.75	13.30	12.70	11.90	11.25	14.00
1969	11.00	11.00	11.75	12.00	12.00	12.00	12.00	12.90	13.90	14.60	15.25	15.25	12.80
						South Florida							
1968	16.00	15.60	15.25	15.00	15.00	14.60	14.00	13.80	13.50	12.80	12.00	11.90	14.10
1969	11.50	11.50	11.60	12.00	12.00	12.00	11.80	12.50	13.70	14.50	15.00	15.00	12.80
						Savannah							
1968	16.95	16.50	16.25	15.10	14.50	14.80	15.00	14.75	14.40	13.70	13.10	12.25	14.80
1969	12.00	12.00	12.75	13.00	13.00	13.00	13.00	13.75	14.80	15.50	16.00	16.00	13.70
						Wilmington							
1968	16.95	16.75	16.50	15.90	15.75	15.60	15.25	15.00	14.90	14.00	13.20	12.70	15.20
1969	12.25	12.25	13.00	13.25	13.25	13.25	13.25	14.00	15.05	15.75	16.25	16.25	14.00

						Norfolk							
1968	17.00	17.00	16.75	16.10	16.00	15.90	15.50	15.50	15.00	14.20	13.40	12.90	15.40
1969	12.50	12.50	13.25	13.50	13.50	13.50	13.50	14.10	15.30	16.00	16.50	16.50	14.20
						Baltimore							
1968	17.00	17.00	16.75	16.10	16.00	15.90	15.50	15.50	15.00	14.20	13.40	12.75	15.40
1969	12.50	12.50	13.25	13.50	13.50	13.50	13.50	14.25	15.30	16.00	16.50	16.50	14.20
						Philadelphia							
1968	17.00	17.00	16.75	16.10	16.00	15.90	15.50	15.50	15.00	14.10	13.40	12.75	15.40
1969	12.50	12.50	13.25	13.50	13.50	13.50	13.50	14.25	15.30	16.00	16.50	16.50	14.20
						New York							
1968	17.00	17.00	16.75	16.10	16.00	15.90	15.50	15.50	15.00	14.20	13.40	12.75	15.40
1969	12.50	12.50	13.25	13.50	13.50	13.50	13.50	14.25	15.30	16.00	16.50	16.50	14.20
						Boston							
1968	17.50	17.50	17.25	16.60	16.50	16.40	16.00	16.00	15.50	14.70	13.90	13.25	15.90
1969	13.00	13.00	13.75	14.00	14.00	14.00	14.00	14.75	15.80	16.50	17.00	17.00	14.70
						Albany							
1968	17.50	17.50	17.25	16.60	16.50	16.40	16.00	16.00	15.50	14.70	13.90	13.25	15.90
1969	13.00	13.00	13.70	14.00	14.00	14.00	14.00	14.75	15.80	16.50	17.00	17.00	14.70
						Buffalo							
1968	20.40	20.40	20.20	19.90	19.90	19.70	18.90	18.90	18.40	17.60	16.80	16.20	18.90
1969	15.90	15.90	16.70	16.90	16.90	16.90	16.90	17.65	19.10	20.00	20.50	20.50	17.80
						Toledo							
1968	20.25	20.25	20.05	19.45	19.30	19.20	18.80	18.80	18.60	18.10	17.20	16.60	18.90
1969	16.30	16.30	17.10	17.30	17.30	17.30	17.30	18.10	19.10	19.85	20.50	20.50	18.10
						Cincinnati							
1968	19.50	19.20	19.00	18.40	18.30	18.15	17.40	17.60	17.50	17.10	16.00	14.80	17.70
1969	14.50	14.40	15.70	16.10	16.10	16.10	16.10	16.90	18.20	19.10	20.00	20.00	16.90
						Minneapolis							
1968	22.20	22.00	21.60	20.90	20.80	20.70	19.90	19.70	19.50	19.00	18.05	17.30	20.10
1969	17.15	17.15	17.80	18.10	18.10	18.10	18.10	19.00	20.60	21.50	22.20	22.20	19.20

(Continued on next page)

Table 1.--(Continued)--Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1968-69

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	--Cents per gallon--												
						Chicago							
1968	21.20	20.80	20.50	19.90	19.80	19.60	19.30	19.00	18.50	18.10	17.20	16.70	19.20
1969	16.50	16.50	17.10	17.40	17.80	17.90	17.95	18.30	19.65	20.50	21.00	21.05	18.50
						St. Louis							
1968	20.50	20.50	20.10	19.60	19.60	19.40	18.50	18.10	17.80	16.90	15.75	15.00	18.50
1969	15.00	15.00	15.70	15.90	15.90	15.90	15.90	17.20	19.60	20.60	22.05	22.05	17.60
						Kansas City							
1968	21.25	20.90	20.60	20.10	20.00	19.80	19.10	19.00	18.80	18.30	17.40	16.80	19.30
1969	16.60	16.40	17.25	17.40	17.30	17.30	17.30	18.30	19.50	20.25	21.10	21.15	18.30
						Omaha							
1968	22.00	20.80	21.05	20.90	20.40	20.40	19.70	19.40	19.00	18.45	17.60	16.90	19.70
1969	16.70	16.70	17.30	17.50	17.50	17.50	17.50	18.30	19.60	20.50	21.40	21.40	18.50
						Memphis							
1968	20.30	19.40	19.00	18.60	18.50	18.50	18.25	18.20	18.10	18.00	16.60	15.80	18.30
1969	15.50	15.50	16.30	16.60	16.60	16.60	16.60	17.40	19.00	20.00	21.05	21.05	17.70
						Denver							
1968	23.20	23.20	22.90	22.15	22.00	21.90	21.50	21.00	21.00	20.90	20.50	20.10	21.70
1969	20.10	20.10	20.25	20.25	20.10	20.10	20.10	20.80	21.70	22.15	22.95	23.25	21.00
						California Ports							
1968	16.45	16.45	16.20	15.40	15.30	15.10	14.70	15.10	14.80	14.70	16.30	14.10	15.40
1969	13.90	13.80	14.00	14.10	14.20	14.55	14.70	15.30	16.15	16.70	17.25	17.30	15.20
						Pacific Northwest Ports							
1968	16.45	16.45	16.20	15.40	15.30	15.10	14.70	15.10	14.80	14.70	14.30	14.10	15.20
1969	14.10	14.10	14.10	14.10	14.25	14.70	14.70	15.20	16.15	16.70	17.30	17.30	15.20

Table 2.--Molasses, beet, citrus and corn (hydrol): Prices by months, f.o.b. tank car or tank truck, 1968-69

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	-- Dollars per ton--												
Beet molasses													
	Colorado, Wyoming and Montana												
1968	36.40	36.60	36.50	36.50	36.50	36.50	36.30	36.50	35.50	34.50	34.50	34.50	35.80
1969	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.70	35.50	35.50	37.20	34.90
	Oregon, Utah and Idaho												
1968	35.00	35.00	35.50	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	36.50
1969	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00
Citrus molasses													
	Florida Points												
1968	18.00	18.00	18.00	20.50	22.00	22.00	22.00	22.00	22.00	22.00	22.00	21.50	20.80
1969	20.00	20.00	20.00	19.00	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	18.25
Corn (hydrol) molasses													
	Chicago												
1968	34.00	33.50	33.00	32.75	32.00	32.00	31.20	31.00	30.75	30.00	29.00	27.75	31.40
1969	27.00	27.00	27.00	28.00	28.00	28.00	28.00	28.75	29.60	31.00	31.75	32.40	28.90
	Kansas City												
1968	34.00	34.00	33.00	32.75	32.00	32.00	31.00	31.00	30.75	30.00	29.25	27.75	31.50
1969	27.00	27.00	27.00	27.40	28.00	28.00	28.00	28.75	29.60	31.00	31.75	32.40	28.80

Table 3.--Price comparisons between molasses and No. 2 yellow corn at New York, Chicago and Kansas City, 1960-69 1/

Year	New York			Chicago			Kansas City		
	Corn bu.	Molasses 6½ gal.	Difference	Corn bu.	Molasses 6½ gal.	Difference	Corn bu.	Molasses 6½ gal.	Difference
				--Cents--					
1960	143.8	89.0	+54.8	115.6	92.9	+22.7	113.6	103.1	+10.5
1961	141.8	102.2	+39.6	113.1	112.7	+0.4	112.4	125.3	-12.9
1962	142.0	102.6	+39.4	112.8	117.8	-5.0	115.0	129.5	-14.5
1963	155.0	143.8	+11.2	126.0	170.8	-44.8	125.4	177.7	-52.3
1964	151.3	104.3	+47.0	125.1	111.1	+14.0	127.5	113.9	+13.6
1965	151.5	81.2	+70.3	130.2	88.5	+41.7	130.4	91.4	+39.0
1966	158.4	94.2	+64.2	136.8	119.7	+17.1	136.3	124.7	+11.6
1967	149.6	117.6	+32.0	129.5	145.0	-15.5	129.6	146.3	-16.7
1968	131.4	100.2	+31.2	113.8	124.7	-10.9	119.6	125.8	-6.2
1969	147.2	92.3	+54.9	123.5	120.3	+3.2	125.2	119.0	+6.2

1/ A "rule of thumb" measure-- 6-1/2 gallons of molasses are about equivalent in carbohydrate value to one bushel of corn--is widely used to compare the carbohydrate value of molasses and corn. This measure is based on experiments conducted to evaluate the energy produced from one bushel of corn and the amount of molasses required to produce the same amount of energy.

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Table 4.--Molasses: Hawaiian and Puerto Rican production, shipments to the U. S. mainland, and exports to other countries, 1960-69

Year	Hawaii		Puerto Rico		
	Production	Shipments to U. S. mainland	Production	Shipments to U. S. mainland	Exports to other countries
	--1,000 gallons--				
1960	50,817	49,692	58,474	30,289	15,162
1961	56,423	50,653	62,372	38,618	8,224
1962	57,372	54,911	56,200	27,471	13,014
1963	55,373	51,563	61,548	16,590	15,923
1964	57,688	52,638	64,563	18,190	20,144
1965	58,389	51,861	57,140	21,104	6,848
1966	59,772	60,271	60,700	8,124	18,653
1967	61,672	55,662	52,100	5,618	14,120
1968	62,936	66,157	43,955	6,201	9,134
1969	45,373	48,430	1/ 41,600	4,614	5,893

1/ Estimated.

Bureau of the Census, U. S. Department of Commerce; Association of Sugar Producers of Puerto Rico; and Hawaiian Sugar Planters Association.

Table 5. Feed and industrial molasses: U. S. production, inshipments, imports, and exports, 1953-69

Year	Production								Total domestic	U. S. imports	Mainland exports 3/	Total available supplies
	Cane					Beet 2/	Citrus	Hydrol				
	Mainland mills	Refiners' blackstrap 4/	Inshipments 1/ Hawaii	Inshipments 1/ Puerto Rico	Total cane							
	--1,000 gallons--											
1953	48,682	36,123	47,558	32,651	165,014	47,628	7,382	18,792	238,816	410,765	1,563	648,018
1954	46,050	31,836	46,530	37,558	161,974	52,351	8,804	17,873	241,002	340,408	4,843	576,567
1955	49,187	32,954	50,413	44,232	176,786	52,061	8,422	15,502	252,771	377,812	4,863	625,720
1956	38,067	35,343	49,401	34,726	157,537	51,955	7,878	16,851	234,221	352,089	879	585,431
1957	42,532	32,024	54,140	20,439	149,135	63,171	10,474	16,249	239,029	231,536	2,545	468,020
1958	40,300	32,233	43,974	26,611	143,118	67,324	6,328	20,336	237,106	334,308	2,166	569,248
1959	42,826	33,416	60,239	24,238	160,719	76,920	7,669	21,494	266,802	282,137	2,372	546,567
1960	46,686	32,224	49,692	30,289	158,891	79,079	5,155	23,324	266,449	449,646	3,032	713,063
1961	60,075	35,620	50,653	38,618	184,966	98,211	5,949	23,153	312,279	260,495	2,220	570,554
1962	65,274	37,679	54,911	27,471	185,335	96,643	9,581	23,595	315,154	264,063	2,265	576,952
1963	89,876	35,150	51,567	16,590	193,179	124,602	5,396	27,939	351,116	270,423	5,475	616,064
1964	103,287	34,898	52,653	18,190	209,028	132,093	4,469	29,992	375,582	266,421	4,339	637,664
1965	84,722	36,915	51,861	21,104	194,602	116,589	8,564	26,740	346,495	268,016	2,536	611,975
1966	82,952	39,443	60,271	8,124	190,790	113,755	9,788	23,125	337,458	314,157	1,586	650,029
1967	97,208	37,936	55,662	5,619	196,425	103,649	17,291	20,400	337,765	350,548	996	687,317
1968	87,127	46,113	66,157	7,008	206,405	135,145	9,063	21,000	371,613	368,091	3,077	736,627
1969	5/72,250	42,700	48,430	4,778	168,158	152,000	13,732	5/23,000	356,890	361,663	2,992	715,561

1/ Shipments to U. S. mainland only. Does not represent total Hawaiian and Puerto Rican molasses production.
2/ Year harvested basis.
3/ Does not include exports from Hawaii and Puerto Rico.
4/ Revised downward in March 1970 by ASCS.
5/ Estimated.

Statistical Reporting Service and Agricultural Stabilization and Conservation Service, U. S. Department of Agriculture; Bureau of the Census, U. S. Department of Commerce; Florida Citrus Processors Association; Association of Sugar Producers of Puerto Rico; Hawaiian Sugar Planters Association; and members of the Corn Refiners Association, Inc.

Table 6.--Molasses, inedible: U. S. imports by country of origin, 1965-69

Country of origin	1969	1968	1967	1966	1965
	--1,000 gallons--				
Angola	-	-	-	942	-
Australia	18,272	49,203	20,137	22,117	7,629
Bahamas	494	-	-	94	-
Barbados	1,034	991	6,757	2,390	5,577
Belgium and Luxembourg	1,628	-	-	-	-
Brazil	20,136	17,862	19,935	-	-
British Honduras	2,362	4,566	2,266	1,267	3,113
Bulgaria	-	5,112	1,509	-	-
Canada	522	668	1,217	1,274	1,986
Colombia	9,095	11,873	15,392	6,271	2,439
Congo	2.182	-	-	-	-
Costa Rica	-	828	1,000	-	-
Dominican Republic	44,363	28,914	40,171	47,533	41,329
Ecuador	8,480	4,817	5,022	10,888	9,863
El Salvador	1,331	5,157	4,048	1,210	1,648
France	9,146	7,935	5,767	6,076	9,617
French West Indies	-	570	5,412	3,526	3,399
Greece	-	2,075	4,300	-	-
Greenland	-	-	-	-	49
Guatemala	4,216	7,193	6,528	5,292	3,439
Guyana	2,295	3,620	2,516	1,837	4,466
Haiti	3,444	3,189	5,688	4,056	4,264
Honduras	3,116	2,153	1,038	2,327	1,650
India	-	-	-	3,278	-
Indonesia	2,230	4,630	-	3,278	7,772
Italy	4,795	8,689	2,023	-	-
Jamaica	14,996	26,928	19,138	16,508	17,536
Kenya	-	954	-	-	801
Leeward & Windward Islands	-	1,773	-	406	-
Mauritania	-	6,207	-	-	-
Mauritius	15,327	10,657	6,583	6,219	3,301
Mexico	112,481	94,335	130,705	99,312	95,564
Morocco	1,848	1,681	-	2,119	-
Mozambique	1,984	-	-	-	3,629
Netherlands	-	6,010	-	578	-
Netherlands Antilles	-	-	-	1,424	-
Nicaragua	5,440	3,426	1,817	3,438	3,737
Pakistan	2,738	2,000	-	-	-
Panama	978	3,343	2,662	830	-
Peru	7,421	6,061	19,154	24,665	4,897
Philippines	19,366	-	963	4,246	9,427
Poland	-	-	-	6,817	1,116
Republic of China (Taiwan)	-	-	4,722	3,811	8,985
Republic of South Africa	9,480	21,949	-	3,152	518
Switzerland	-	-	-	1,377	-
Thailand	1,451	-	-	-	-
Trinidad and Tobago	17,351	7,081	7,705	5,992	6,756
Turkey	4,247	1,802	-	-	-
UAR (Egypt)	-	-	-	-	1,804
United Kingdom	7,414	3,839	3,979	5,960	1,705
Venezuela	-	-	2,394	3,647	-
Total	361,663	368,091	350,548	314,157	268,016

Bureau of the Census.

Table 7.--Molasses, inedible: U. S. imports by customs districts, 1965-69

Customs districts	1969	1968	1967	1966	1965
	--1,000 gallons--				
Arizona	4,839	5,155	4,800	5,037	2,599
Buffalo	113	81	2,446	3,047	5,218
Connecticut	11,385	5,251	3,307	428	1,500
Dakota	-	-	-	23	111
El Paso	14,367	12,954	13,745	8,539	6,768
Florida	3,002	8,620	1,517	2,378	1,484
Galveston	2,798	1,431	5,199	3,395	37,354
Georgia	2,377	4,540	4,247	5,677	2,293
Houston	60,415	35,976	44,985	40,717	-
Laredo	1,644	221	1,152	685	871
Los Angeles	23,335	19,525	18,441	22,139	26,055
Maine & New Hampshire	151	140	161	134	213
Maryland	25,696	22,860	20,037	15,106	9,353
Massachusetts	1,751	2,841	4,605	2,137	-
Michigan	-	92	30	154	307
Mobile	17,142	12,890	13,683	9,404	12,115
New Orleans	93,122	108,049	113,359	102,906	79,186
New York	55,657	70,523	49,006	54,329	42,483
North Carolina	3,800	4,699	4,639	3,904	3,567
Ohio	1,845	2,267	1,980	1,876	2,559
Philadelphia	7,717	26,585	11,442	12,584	11,552
Puerto Rico	1,661	5,407	1,086	-	-
Sabine	2,117	2,456	3,154	2,479	1,410
San Diego	19,239	9,495	9,259	4,130	2,859
San Francisco	4,857	2,660	12,926	8,313	12,820
Vermont	366	297	489	802	719
Virginia	2,267	2,916	4,618	3,715	4,620
Washington	-	160	235	119	-
Total	361,663	368,091	350,548	314,157	268,016

Bureau of the Census.

Table 8.--Molasses, inedible: U. S. imports by country of origin and customs districts, 1969

Country	Arizona	Buffalo	Connecticut	El Paso	Florida	Galveston
			--1,000 gallons--			
Australia	-	-	-	-	-	-
Bahamas	-	-	-	-	494	-
Barbados	-	-	-	-	-	-
Belgium & Luxembourg	-	-	-	-	-	-
Brazil	-	-	3,003	-	-	1,058
British Honduras	-	-	-	-	-	-
Canada	-	113	-	-	-	-
Colombia	-	-	-	-	-	-
Congo	-	-	-	-	-	-
Dominican Republic	-	-	-	-	2,508	239
Ecuador	-	-	-	-	-	-
El Salvador	-	-	-	-	-	-
France	-	-	1,975	-	-	-
Guatemala	-	-	-	-	-	-
Guyana	-	-	-	-	-	-
Haiti	-	-	-	-	-	-
Honduras	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Italy	-	-	2,405	-	-	-
Jamaica	-	-	-	-	-	-
Mauritius	-	-	-	-	-	-
Mexico	4,839	-	-	14,367	-	-
Morocco	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-
Nicaragua	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-
Panama	-	-	-	-	-	-
Peru	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Republic of South Africa	-	-	2,340	-	-	-
Thailand	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	1,501
Turkey	-	-	-	-	-	-
United Kingdom	-	-	1,662	-	-	-
Total	4,839	113	11,385	14,367	3,002	2,798

Bureau of the Census.

Table 8.--Molasses, inedible: U. S. imports by country of origin and customs districts, 1969

Georgia	Houston	Laredo	Los Angeles	Maine & N. H.	Maryland	Massachu-setts	Mobile
			--1,000 gallons				
-	4,565	-	1,811	-	864	-	3,634
-	-	-	-	-	-	-	-
-	-	-	-	108	-	-	-
-	-	-	-	-	-	-	-
-	5,105	-	-	-	396	-	-
-	1,616	-	-	-	-	-	-
-	-	-	-	43	-	-	-
-	1,171	-	-	-	2,839	-	2,821
-	-	-	-	-	-	-	-
-	2,075	-	-	-	1,504	456	-
-	3,043	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	2,346	-	-
-	1,034	-	-	-	527	-	734
-	-	-	-	-	-	-	-
-	88	-	-	-	-	-	-
-	2,230	-	-	-	-	-	-
-	-	-	-	-	-	-	-
2,377	3,682	-	-	-	2,043	-	-
-	4,783	-	-	-	1,497	-	3,164
-	18,402	1,644	15,667	-	4,376	1,295	5,988
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	339	-	-	-	-
-	-	-	-	-	-	-	540
-	162	-	-	-	-	-	-
-	2,552	-	4,869	-	-	-	-
-	1,080	-	649	-	-	-	-
-	5,210	-	-	-	-	-	-
-	-	-	-	-	1,451	-	-
-	3,617	-	-	-	5,499	-	261
-	-	-	-	-	2,354	-	-
-	-	-	-	-	-	-	-
2,377	60,415	1,644	23,335	151	25,696	1,751	17,142

(Continued on next page)

Table 8.--Molasses, inedible: U. S. imports by country of origin and customs districts, 1969 (continued)

Country	New Orleans	New York	North Carolina	Ohio	Philadelphia	Puerto Rico
	--1,000 gallons--					
Australia	5,704	-	-	-	-	-
Bahamas	-	-	-	-	-	-
Barbados	-	926	-	-	-	-
Belgium & Luxembourg	-	1,628	-	-	-	-
Brazil	10,574	-	-	-	-	-
British Honduras	746	-	-	-	-	-
Canada	-	-	-	-	-	-
Colombia	2,264	-	-	-	-	-
Congo	2,182	-	-	-	-	-
Dominican Republic	18,173	13,320	-	-	4,427	1,661
Ecuador	4,446	-	-	-	-	-
El Salvador	-	-	-	-	-	-
France	-	7,171	-	-	-	-
Guatemala	1,870	-	-	-	-	-
Guyana	-	-	-	-	-	-
Haiti	475	2,969	-	-	-	-
Honduras	2,167	861	-	-	-	-
Indonesia	-	-	-	-	-	-
Italy	-	2,390	-	-	-	-
Jamaica	4,324	2,399	-	-	-	-
Mauritius	963	4,920	-	-	-	-
Mexico	26,866	7,785	3,800	1,845	2,054	-
Morocco	-	1,848	-	-	-	-
Mozambique	1,984	-	-	-	-	-
Nicaragua	179	-	-	-	-	-
Pakistan	2,198	-	-	-	-	-
Panama	816	-	-	-	-	-
Peru	-	-	-	-	-	-
Philippines	1,819	-	-	-	-	-
Republic of South Africa	976	954	-	-	-	-
Thailand	-	-	-	-	-	-
Trinidad and Tobago	4,396	841	-	-	1,236	-
Turkey	-	1,893	-	-	-	-
United Kingdom	-	5,752	-	-	-	-
Total	93,122	55,657	3,800	1,845	7,717	1,661

Table 8.--Molasses, inedible: U. S. imports by country of origin and customs districts, 1969 (continued)

Sabine	San Diego	San Francisco	Vermont	Virginia	Total
		--1,000 gallons--			
-	-	1,694	-	-	18,272
-	-	-	-	-	494
-	-	-	-	-	1,034
-	-	-	-	-	1,628
-	-	-	-	-	20,136
-	-	-	-	-	2,362
-	-	-	366	-	522
-	-	-	-	-	9,095
-	-	-	-	-	2,182
-	-	-	-	-	44,363
991	-	-	-	-	8,480
-	1,331	-	-	-	1,331
-	-	-	-	-	9,146
-	-	-	-	-	4,216
-	-	-	-	-	2,295
-	-	-	-	-	3,444
-	-	-	-	-	3,116
-	-	-	-	-	2,230
-	-	-	-	-	4,795
-	171	-	-	-	14,996
-	-	-	-	-	15,327
1,126	160	-	-	2,267	112,481
-	-	-	-	-	1,848
-	-	-	-	-	1,984
-	4,922	-	-	-	5,440
-	-	-	-	-	2,738
-	-	-	-	-	978
-	-	-	-	-	7,421
-	12,655	3,163	-	-	19,366
-	-	-	-	-	9,480
-	-	-	-	-	1,451
-	-	-	-	-	17,351
-	-	-	-	-	4,247
-	-	-	-	-	7,414
2,117	19,239	4,857	366	2,267	361,663

Table 9.--Molasses, inedible: U. S. exports by country of destination, 1965-69 1/

Country of Destination	1969	1968	1967	1966	1965
	--1,000 gallons--				
Bahamas	-	2	-	-	-
Belgium & Luxembourg	-	2	-	-	-
Bermuda	16	2	3	-	-
British Honduras	-	-	-	-	4
Canada	2,439	4,788	4,465	3,883	1,916
Chile	-	-	945	-	-
Denmark	-	-	-	-	8
France	-	-	-	2,182	-
Ghana	-	-	-	1	-
Hong Kong	-	2	-	-	-
Iceland	-	-	-	-	16
India	55	-	2	133	165
Iran	-	8	-	-	-
Ireland	4	-	-	-	4
Italy	-	1,347	-	230	-
Jamaica	-	-	-	3	2
Japan	6	2,987	19	-	401
Libya	-	3	-	2	-
Mexico	63	173	369	25	6
Netherlands	5	3,217	6,460	11,462	2,303
Netherlands Antilles	2,254	817	-	-	-
Panama	-	7	-	-	-
Philippines	-	6	2	-	-
Republic of South Africa	-	-	-	4	1
Singapore	-	2	1	-	-
Spanish Africa	-	-	-	2	-
Sweden	-	-	3	-	-
Switzerland	-	-	426	-	-
United Kingdom	4,034	1,834	2,421	2,312	4,552
West Germany	9	-	-	-	-
Total	8,885	15,197	15,116	20,239	9,384

1/ Includes exports from Puerto Rico

Bureau of the Census.

Table 10.--Molasses: Estimated utilization, United States, 1958-69

Year	Industrial				Mixed feeds, direct feeding and silage 2/	Total utilization
	Distilled spirits 1/	Yeast, citric acid and vinegar	Pharmaceuticals and edible molasses	Total		
	--Million gallons--					
1958	61.7	70.0	15.0	146.7	422.5	569.2
1959	35.3	71.0	15.0	121.3	425.3	546.6
1960	69.0	74.0	3/ 37.0	180.0	533.1	713.1
1961	8.5	70.4	47.1	126.0	444.6	570.6
1962	5.7	79.8	38.7	124.2	452.8	577.0
1963	5.0	85.0	40.0	130.0	486.1	616.1
1964	6.2	90.0	47.0	143.2	494.5	637.7
1965	15.1	100.0	50.0	165.1	446.9	612.0
1966	9.3	100.0	50.0	159.3	490.7	650.0
1967	28.7	100.0	51.5	180.2	507.1	687.3
1968	17.8	100.0	52.5	170.3	566.3	736.6
1969 4/	6.5	100.0	53.5	160.0	555.6	715.6

1/ Includes molasses used in making ethyl alcohol, butyl and acetone prior to 1959.

2/ Molasses utilized in feeds is a residual item, calculated by subtracting molasses used industrially from total mainland supplies without considering changes in stocks.

3/ Pharmaceutical utilization not considered prior to 1960.

4/ Estimated.

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